

# GLOSSARY

<b>A</b>	air (spotting)	<b>AT MY COMMAND</b>	the command used by the forward observer or FDC to control the time of opening fire
<b>AA</b>	antiaircraft	<b>az</b>	azimuth
<b>abbr</b>	abbreviated		
<b>abbreviated registration</b>	a shortened precision registration procedure which requires less time and ammunition		
<b>ABCA</b>	American, British, Canadian, Australian		
<b>ACK</b>	acknowledge		
<b>ADA</b>	air defense artillery		
<b>ADAM</b>	area denial artillery munitions		
<b>add ( + )</b>	denotes a shift correction, an increase in the OT distance		
<b>adjust fire</b>	the process of moving the center of impact to the adjusting point by using one gun firing one round at a time and normally using some type of bracketing procedure		
<b>adjusting point</b>	the target itself or a point near the center of an area target; spottings are made from this point, and corrections are made to this point		
<b>AF</b>	adjust fire		
<b>AFSO</b>	aerial fire support observer		
<b>AGES</b>	air-ground engagement simulation		
<b>AH</b>	attack helicopter		
<b>AHRS</b>	attitude and heading reference system		
<b>ALO</b>	air liaison officer		
<b>alt</b>	altitude		
<b>AM</b>	amplitude modulated		
<b>AMC</b>	at my command		
<b>ANGLICO</b>	air and naval gunfire liaison company		
<b>AP</b>	antipersonnel (FA), armor-piercing (naval gunfire)		
<b>APC</b>	armored personnel carrier		
<b>APICM</b>	antipersonnel improved conventional munitions		
<b>ATI</b>	artillery target intelligence		
		<b>BC</b>	battery commander
		<b>BCS</b>	battery computer system
		<b>BCU</b>	battery computer unit
		<b>BMP</b>	enemy vehicle
		<b>bn</b>	battalion
		<b>BTR</b>	enemy armored personnel carrier
		<b>BUCS</b>	backup computer system
		<b>call for fire</b>	a clear, concise formatted message sent from the observer to the FDC which includes all the information the FDC needs to engage the target
		<b>CAS</b>	close air support
		<b>CATIES</b>	combined arms team integrated evacuation system
		<b>CFF</b>	call for fire
		<b>CG</b>	guided missile cruiser
		<b>CGN</b>	guided missile cruiser, nuclear
		<b>CLGP</b>	cannon-launched guided projectile
		<b>cmd</b>	command
		<b>co</b>	company
		<b>COLT</b>	combat observation/lasing team
		<b>COMSEC</b>	communications security
		<b>CONUS</b>	continental United States
		<b>CP</b>	concrete-piercing (ammunition), contact point (CAS)
		<b>CVC</b>	combat vehicle crewman
		<b>CVT</b>	controlled variable time (fuze)

<b>DANGER CLOSE</b>	command used by an observer to warn the FDC that rounds will impact within 600 meters of friendly elements (for artillery) or (for naval gunfire) within 750 meters for 5-inch guns and less and within 1,000 meters for guns larger than the 5-inch	<b>FED</b>	forward entry device
<b>DCT</b>	digital communications terminal	<b>FF</b>	frigate
<b>DD</b>	destroyer	<b>FFE</b>	fire for effect
<b>DDG</b>	guided missile destroyer	<b>FFG</b>	guided missile frigate
<b>DESIGNATE</b>	a command given to lase a target for a laser-guided weapon	<b>final protective fire</b>	a prearranged line of fire used to destroy an enemy attack, usually planned to cover dead space in a maneuver unit final protective line
<b>destruction</b>	a precision mission in which minor refinement-type corrections are made every third round or as necessary until the target is destroyed	<b>FIRE FOR EFFECT</b>	the command to fire the ammunition in the type and quantity to achieve the amount of casualties desired for the mission
<b>dir</b>	direction	<b>FIST</b>	fire support team
<b>dis</b>	distance	<b>FIST DMD</b>	fire support team digital message device
<b>DISCOM</b>	division support command	<b>FISTV</b>	fire support team vehicle
<b>div arty</b>	division artillery	<b>FLIR</b>	forward-looking infrared
<b>DMD</b>	digital message device	<b>FLOT</b>	forward line of own troops
<b>down (D)</b>	denotes a shift in the vertical plane; can apply to height of burst or to target attitude	<b>FM</b>	frequency modulated
<b>DP</b>	dual purpose	<b>FO</b>	forward observer
<b>DPICM</b>	dual-purpose improved conventional munitions	<b>FPF</b>	final protective fire
<b>drop (-)</b>	denotes a shift correction, a decrease in the OT distance	<b>FR</b>	fire request
<b>DS</b>	direct support	<b>FSA</b>	fire support area (Navy)
<b>DTV</b>	day television	<b>FSCoord</b>	fire support coordinator
<b>DV</b>	direct view	<b>FSE</b>	fire support element
<b>EOM</b>	end of mission	<b>FSO</b>	fire support officer
<b>FA</b>	field artillery	<b>FSS</b>	fire support station (Navy)
<b>FAC</b>	forward air controller	<b>G</b>	graze (spotting)
<b>FASCAM</b>	family of scatterable mines	<b>GMET</b>	graphical munitions effectiveness table
<b>FCT</b>	firepower control team	<b>GT</b>	gun-target
<b>FDC</b>	fire direction center	<b>gun-target line</b>	an imaginary line extending from the guns to and through the target
<b>FDO</b>	fire direction officer	<b>G/VLLD</b>	ground/vehicular laser locator designator-used to designate or determine direction, distance, and vertical angle to a burst, target, or other location in the target area
		<b>HB</b>	high burst

<b>HC</b>	hexachloroethane (smoke), high capacity (naval gunfire)	<b>kn pt</b>	known point
<b>HE</b>	high explosive	<b>L</b>	left
<b>HF</b>	high frequency	<b>LANTIRN</b>	low-altitude navigation and targeting infrared
<b>HGSS</b>	Hellfire ground support system	<b>LARS</b>	left, add; right, subtract
<b>high-angle fire</b>	fires at an elevation which exceeds the elevation corresponding to the maximum range for a weapon and charge	<b>LD/R</b>	laser designator/range finder
<b>HMMWV</b>	high-mobility multipurpose wheeled vehicle	<b>left (L)</b>	denotes a shift perpendicular to the observer-target line
<b>HOB</b>	height of burst	<b>LGB</b>	laser-guided bomb
<b>HQ</b>	headquarters	<b>LGM</b>	laser-guided munition
<b>hr</b>	hour	<b>LHA</b>	amphibious assault ship, general purpose
<b>hvy</b>	heavy	<b>LLGB</b>	low-level laser-guided bomb
<b>IAW</b>	in accordance with	<b>LN</b>	line (deviation spotting)
<b>ICM</b>	improved conventional munitions	<b>LOAL</b>	lock on after launch
<b>illum</b>	illuminating	<b>LOBL</b>	lock on before launch
<b>immediate smoke</b>	a mission fired, normally by a platoon, to screen or obscure the enemy immediately	<b>LRDF</b>	laser range danger fan
<b>immediate suppression</b>	an FFE-type mission, fired normally by battery SOP, in which a platoon fires one gun with HE/VT and one gun with HE/Q to force the enemy to take cover; it is a harassing-type fire	<b>LST</b>	laser spot tracker
<b>in</b>	inch	<b>LT</b>	lieutenant
<b>IP</b>	initial point	<b>LTD</b>	laser target designator
<b>IR</b>	infrared	<b>m</b>	meter
<b>ITA</b>	image transfer assembly	<b>th</b>	mil
<b>ITV</b>	improved TOW vehicle	<b>MBC</b>	mortar ballistic computer
<b>JAAT</b>	joint air attack team	<b>MCS</b>	master control station
<b>JMEM</b>	joint munitions effectiveness manual	<b>message to observer</b>	the message sent from the FDC to the observer which tells the observer who will fire his mission, any changes to the CFF, the number of volleys in effect, and the target number
<b>km</b>	kilometer	<b>METT-T</b>	mission, enemy, terrain, troops, and time available
<b>kmph</b>	kilometers per hour	<b>MILES</b>	multiple integrated laser engagement system
<b>known point</b>	a point known to both the observer and the FDC and recorded or plotted in the FDC	<b>min</b>	minute
		<b>MMS</b>	mast-mounted sight
		<b>MOUT</b>	military operations on urbanized terrain
		<b>mph</b>	miles per hour

<b>MPI</b>	mean point of impact	<b>PEd</b>	probable error in deflection
<b>MTO</b>	message to observer	<b>PER</b>	probable error in range
<b>MULE</b>	modular universal laser equipment	<b>PFC</b>	private first class
<b>mvr</b>	maneuver	<b>PGM</b>	precision guided munition
<b>MVV</b>	muzzle velocity variation	<b>PIM</b>	pulse interval module
		<b>PLRS</b>	position locating reporting system
<b>NAK</b>	nonacknowledge	<b>plt</b>	platoon
<b>NCO</b>	noncommissioned officer	<b>POL</b>	petroleum, oils and lubricants
<b>neutralization</b>	any type of mission which achieves 10 percent casualties in the target area	<b>precision registration</b>	a precision mission used to determine total corrections for nonstandard conditions
<b>NFOV</b>	narrow field of view	<b>PRF</b>	pulse repetition frequency
<b>NGF</b>	naval gunfire	<b>PUP</b>	pull-up point
<b>NGLO</b>	naval gunfire liaison officer		
<b>NGST</b>	naval gunfire spotter team	<b>Q</b>	quick
<b>NICAD</b>	nickel-cadmium	<b>QSTAG</b>	quadrupartite standardization agreement
<b>NOD</b>	night observation device		
<b>NOHD</b>	nominal ocular hazard distance	<b>R</b>	range, right (deviation spotting)
<b>NOS</b>	night observation system	<b>RAAMS</b>	remote antiarmor mine system
<b>NSG</b>	north-seeking gyrocompass	<b>RAM</b>	random-access memory
		<b>RAP</b>	rocket-assisted projectile
<b>OB</b>	observer-burst	<b>RATELO</b>	radiotelephone operator
<b>observed the fan</b>	a device used to refine an observer's estimation of distance in the target area	<b>RC</b>	range correct
<b>observer-target factor</b>	the distance from the observer to the target expressed in thousands to the nearest hundred (for example, 6,300 meters ~ 6.3)	<b>rd</b>	round
<b>observer-target line</b>	an imaginary line extending from the observer to, and through, the target	<b>rec</b>	record
<b>OF</b>	observed fire	<b>reference point</b>	a prominent, easily identified terrain feature to which an observer knows the direction
<b>OP</b>	observation post	<b>refinement</b>	a final correction sent to the FDC to move the center of impact to the adjusted point; always given for any mission
<b>OT</b>	observer-target	<b>reg</b>	register
<b>OT dis</b>	range from the observer to the target	<b>reg pt</b>	registration point
<b>over</b>	a burst farther away than the adjusting point as seen by the observer	<b>repeat</b>	1. In an FFE-type mission, it means to fire another volley of the same type or quantity of ammunition while applying the correction; for example, <b>RIGHT 110 PLUS 300, REPEAT, OVER.</b> 2. In an AF mission, it means tiring the same data, but the type or quantity of ammunition may change; for example, <b>TIME, REPEAT, OVER.</b>
<b>PDD/VDD</b>	player detector device/vehicle detector device		

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<b>right (R)</b>	denotes a shift perpendicular to the OT line	<b>TACP</b>	tactical air control party
<b>rpt</b>	repeat	<b>TADS</b>	target acquisition and designation sight
<b>RTC</b>	remote target control	<b>target</b>	any enemy personnel, equipment, or terrain feature which may be fired on or used as a reference for fires
<b>RTD</b>	receiver-transmitter device		
<b>s</b>	suppress, suppression	<b>ti</b>	time
<b>SA</b>	subsequent adjust	<b>TOF</b>	time of flight
<b>SALT</b>	supporting arms liaison team	<b>TOT</b>	time on target
<b>SD</b>	self-destruct	<b>TOW</b>	tube-launched, optically tracked wire-guided missile
<b>SEAD</b>	suppression of enemy air defenses	<b>TRADOC</b>	United States Army Training and Doctrine Command
<b>sec</b>	second	<b>TRP</b>	target reference point
<b>SGT</b>	sergeant	<b>TSCD</b>	targeting station control display
<b>SHORT</b>	a spotting of a burst between the observer and the target	<b>TSFO</b>	training set, fire observation
<b>smk</b>	smoke	<b>TTT</b>	time to target
<b>SOP</b>	standing operating procedures		
<b>SP</b>	self-propelled	<b>UHF</b>	ultrahigh frequency
<b>SPC</b>	specialist	<b>up (U)</b>	denotes a shift in the vertical plane; it can apply to height of burst or target altitude
<b>SPLASH</b>	sent by the FDC to the observer 5 seconds before impact; may be requested by the observer	<b>USAFAS</b>	United States Army Field Artillery School
<b>spotting</b>	an instantaneous visual and mental determination of the location of a burst with respect to the adjusting point; announced as both over (short) and magnitude and direction; for example, <b>OVER, 30 LEFT or SHORT, 120 RIGHT.</b>	<b>USAREUR</b>	United States Army Europe
<b>SR</b>	self-registering	<b>VA</b>	vertical angle
<b>SSB</b>	single sideband	<b>vertical angle</b>	the angle formed between the observer's horizontal line of sight and the OT line as used by the observer with the vertex at the observer's location
<b>SSG</b>	staff sergeant	<b>VMED</b>	variable format message entry device
<b>STANAG</b>	standardization agreement	<b>VHF</b>	very high frequency
		<b>VI</b>	vertical interval
<b>TA</b>	target acquisition	<b>VT</b>	variable time
<b>TACFIRE</b>	tactical fire direction system	<b>WFOV</b>	wide field of view
		<b>WP</b>	white phosphorus

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